

SUBMITTAL SHEET



AIRCONDITIONING PRODUCTS

SYSTEM INDOOR/OUTDOOR
42TS32A TS4232/C4232A
 CEILING SUSPENDED AIR CONDITIONER

SS42TS32A-2

GENERAL DATA (AT 230V)

| | |
|----------------------------|--------------|
| POWER V/PH/Hz | 230/208/1/60 |
| Circuit Ampacity, Min. (A) | 30 |
| Fuse size, Max. (A) | 50 |

| | |
|---------------------------|-----------------|
| COMPRESSOR | Scroll-Hermetic |
| No. used | 1 |
| R.L. Amps - L.R. Amps (A) | 18.1 ñ 131 |
| Crankcase Heater | - |

| | |
|-------------------------|-------------------|
| OUTDOOR FAN - TYPE | Propeller |
| Dia. (in.) - No. used | 18-3/32 - 2 |
| Type Drive - No. speeds | Direct ñ 3 (AUTO) |
| No. Poles - RPM (High) | 6 - 879 |
| No. Motors - Watts | 2 - 110 |
| CFM (High) | 3,450 |
| F.L. Amps. (A) | 1.8 |

| | |
|----------------------|----------------------------|
| OUTDOOR COIL - TYPE | Aluminum Fin & Copper Pipe |
| Fin Type - Pipe Type | Slit Plate - Inner Riffled |
| Rows - F.P.I. | 2 - 12.7 |
| Face Area (sq.ft.) | 11.63 |
| Tube Size (in.) | 3/8 |

| | |
|-----------------------|-------------|
| INDOOR FAN - TYPE | Centrifugal |
| Dia. (in.) - No. used | 5-29/32-4 |
| No. speeds | 3 & Auto |
| No. Poles -RPM (High) | 4 - 1,015 |
| No. Motors - Watts | 1 - 100 |
| CFM (HI/MED/LOW) | 900/790/680 |
| F.L. Amps (A) | 0.7 |

| | |
|-----------------------------|----------------------------|
| INDOOR COIL - TYPE | Aluminum Fin & Copper Pipe |
| Fin Type - Pipe type | Slit Plate - Inner Riffled |
| Rows - F.P.I. | 3 - 14.9 |
| Face Area (sq. ft.) | 3.51 |
| Tube Size (in.) | 5/16 |
| Drain Connection Size (in.) | 3/4 |

| | |
|--------------------------------|----------------|
| REFRIGERANT | R22 |
| Lbs. - R22 (O.D. Unit) | 9.7 |
| Control | Capillary Tube |
| Connection | Flare |
| Line Length, Max (ft.) | 165 |
| Lift difference, Max (ft.) | 100 |
| Line Size - in. O.D. Discharge | 3/8 |
| Line Size - in. O.D. Suction | 3/4 |

| | | | | | |
|------------------------|----------|---|---------|---|---------|
| DIMENSIONS (in.) | H | x | W | x | D |
| Indoor Unit -Uncrated | 9-7/16 | x | 62 | x | 26-3/8 |
| -Crated | 12-15/32 | x | 66-1/16 | x | 31-1/16 |
| Outdoor Unit -Uncrated | 48-5/8 | x | 37 | x | 13-3/8 |
| -Crated | 52ñ7/32 | x | 40 | x | 16-3/8 |

| | | |
|-----------------|--------|---------|
| WEIGHT | INDOOR | OUTDOOR |
| Net (lbs.) | 84 | 205 |
| Shipping (lbs.) | 97 | 229 |

| | | |
|--------------------------|------|------|
| Shipping Volume (cu.ft.) | 13.6 | 19.8 |
|--------------------------|------|------|

PERFORMANCE DATA @ STANDARD CONDITIONS (230/208V)

| | | |
|-----------------------------|--|---------------|
| COOLING | | |
| Total Capacity (BTU/H) | | 42,000/40,500 |
| Sensible Capacity (BTU/H) | | 22,500/21,530 |
| Latent Capacity (BTU/H) | | 19,500/18,970 |
| SEER | | 10.2/10.3 |
| Dehumidification (Pints/H) | | 14.8/14.6 |
| Amps (A) | | 20.6/21.0 |
| Power Inputs (W) | | 4,190/4,100 |
| Outdoor Sound Rating (bels) | | 7.9 |

FEATURE

| | |
|---------------------------------|-------------------|
| Controls | Microprocessor |
| Remote Controller | LCD Wireless type |
| Temperature Control | IC Thermostat |
| Timer | ON/OFF, 24 hours |
| Night-Setback | Built-In |
| Air Louver (Horizontal) | Manual |
| (Vertical) | Automatic |
| Power Failure Automatic Restart | Built-In |
| Self Diagnosis | N/A |

OPTION

| | | |
|--------------------------------|---------------------|------------------|
| Refrigerant Line Set | AP3210BH (30 ft) | AP3215BH (50 ft) |
| Low Ambient Control | Built-In | |
| Fresh Air Intake | Built-In | |
| Air duct Extension | N/A | |
| Condensate Drain Pump | N/A | |
| Non-Removable Remo-con Bracket | RCS5PS4B | |
| Wired Remote Control | RCS-102WD/RCS-302WD | |

OPERATING RANGE

| | | | |
|---------|-------------------------|--------------------------|----------|
| Cooling | Indoor Air Intake Temp. | Outdoor Air Intake Temp. | |
| | Maximum | 95 F DB/71 F WB | 115 F DB |
| | Minimum | 67 F DB/57 F WB | 67 F DB |

CERTIFICATION



42TS32A

SUBMITTAL SHEET



AIRCONDITIONING PRODUCTS

SYSTEM INDOOR/OUTDOOR
42TLS32A TS4232/CL4232A
 CEILING SUSPENDED LOW AMBIENT AIR CONDITIONER

SS42TLS32A-2

| GENERAL DATA | | (AT 230V) | |
|--------------------------------|----------------------------|-----------|-----------|
| POWER V/PH/Hz | 230/208/1/60 | | |
| Circuit Ampacity, Min. (A) | 30 | | |
| Fuse size, Max. (A) | 50 | | |
| COMPRESSOR | Scroll-Hermetic | | |
| No. used | 1 | | |
| R.L. Amps - L.R. Amps (A) | 18.1 ñ 131 | | |
| Crankcase Heater | 30W | | |
| OUTDOOR FAN - TYPE | Propeller | | |
| Dia. (in.) - No. used | 18-3/32 - 2 | | |
| Type Drive - No. speeds | Direct ñ 3 (AUTO) | | |
| No. Poles - RPM (High) | 6 - 879 | | |
| No. Motors - Watts | 2 - 110 | | |
| CFM (High) | 3,450 | | |
| F.L. Amps. (A) | 1.8 | | |
| OUTDOOR COIL - TYPE | Aluminum Fin & Copper Pipe | | |
| Fin Type - Pipe Type | Slit Plate - Inner Riffled | | |
| Rows - F.P.I. | 2 - 12.7 | | |
| Face Area (sq.ft.) | 11.63 | | |
| Tube Size (in.) | 3/8 | | |
| INDOOR FAN - TYPE | Centrifugal | | |
| Dia. (in.) - No. used | 5-29/32-4 | | |
| No. speeds | 3 & Auto | | |
| No. Poles -RPM (High) | 4 - 1,015 | | |
| No. Motors - Watts | 1 - 100 | | |
| CFM (HI/MED/LOW) | 900/790/680 | | |
| F.L. Amps (A) | 0.7 | | |
| INDOOR COIL - TYPE | Aluminum Fin & Copper Pipe | | |
| Fin Type - Pipe type | Slit Plate - Inner Riffled | | |
| Rows - F.P.I. | 3 - 14.9 | | |
| Face Area (sq. ft.) | 3.51 | | |
| Tube Size (in.) | 5/16 | | |
| Drain Connection Size (in.) | 3/4 | | |
| REFRIGERANT | R22 | | |
| Lbs. - R22 (O.D. Unit) | 9.7 | | |
| Control | Capillary Tube | | |
| Connection | Flare | | |
| Line Length, Max (ft.) | 165 | | |
| Lift difference, Max (ft.) | 100 | | |
| Line Size - in. O.D. Discharge | 3/8 | | |
| Line Size - in. O.D. Suction | 3/4 | | |
| DIMENSIONS (in.) | H | x W | x D |
| Indoor Unit -Uncrated | 9-7/16 | x 62 | x 26-3/8 |
| -Crated | 12-15/32x | 66-1/16 | x 31-1/16 |
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| WEIGHT | INDOOR | OUTDOOR | |
| Net (lbs.) | 84 | 205 | |
| Shipping(lbs.) | 97 | 229 | |
| Shipping Volume (cu.ft.) | 13.6 | 19.8 | |

PERFORMANCE DATA @ ARI STANDARD CONDITIONS (230/208V)

| COOLING | | |
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| Total Capacity (BTU/H) | 42,000/40,500 | |
| Sensible Capacity (BTU/H) | 22,500/21,530 | |
| Latent Capacity (BTU/H) | 19,500/18,970 | |
| SEER | 10.2/10.3 | |
| Dehumidification (Pints/H) | 14.8/14.6 | |
| Amps (A) | 20.6/21.0 | |
| Power Inputs (W) | 4,190/4,100 | |
| Outdoor Sound Rating (bels) | 7.9 | |

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| Controls | Microprocessor |
| Remote Controller | LCD Wireless type |
| Temperature Control | IC Thermostat |
| Timer | ON/OFF, 24 hours |
| Night-Setback | Built-In |
| Air Louver (Horizontal) | Manual |
| (Vertical) | Automatic |
| Power Failure Automatic Restart | Built-In |
| Self Diagnosis | N/A |

OPTION

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|--------------------------------|---------------------|------------------|
| Refrigerant Line Set | AP3210BH (30 ft) | AP3215BH (50 ft) |
| Low Ambient Control | Built-In | |
| Fresh Air Intake | Built-In | |
| Airduct Extension | N/A | |
| Condensate Drain Pump | N/A | |
| Non-Removable Remo-con Bracket | RCS5PS4B | |
| Wired Remote Control | RCS-102WD/RCS-302WD | |

OPERATING RANGE

| Cooling | Indoor Air | Outdoor Air |
|---------|---------------------|---------------------|
| | <u>Intake Temp.</u> | <u>Intake Temp.</u> |
| Maximum | 95 F DB/71 F WB | 115 F DB |
| Minimum | 67 F DB/57 F WB | 0 F DB |

CERTIFICATION



42TLS32A

